

# Federal Communications Commission

## FM TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

**Permittee**

STAR EDUCATIONAL MEDIA NETWORK,  
INC.  
8 MARTIN LUTHER DRIVE  
FORT WAYNE, IN, 46825

**Call Sign**

W247DN

**Facility ID**

140566

<b>File Number</b> 0000093570	<b>This Permit Modifies License File No.</b> BLFT-20060330AAK	
<b>Filing Date</b> 12/17/2019	<b>Grant Date</b> 01/22/2020	<b>Expiration Date</b> 01/21/2023

<b>Community of License</b>  <b>City:</b> RICHMOND <b>State:</b> IN	<b>Frequency (MHz)</b> 97.3	<b>Station Channel</b> 247	<b>Station Class</b> D
<b>Primary Station</b> WJYW UNION CITY IN		<b>Via</b> Direct-off-air	
<b>Hours of Operation:</b> Unlimited			

<b>Transmitter</b> Certified for compliance per 74.1250 or verified for compliance per 73.1660 of the Commission's Rules.	<b>Transmitter Output Power</b> As required to achieve authorized ERP.
<b>Antenna Type</b> Directional	<b>Antenna Coordinates (NAD 83)</b> <b>Latitude</b> 39-49-41.0 N <b>Longitude</b> 84-55-57.0 W
<b>Major Lobe Directions</b> 50	

	<b>Horizontally Polarized Antenna</b>	<b>Vertically Polarized Antenna</b>
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<b>Effective Radiated Power in the Horizontal Plane (kW)</b>	0.055	0.055
<b>Height of Radiation Center Above Ground (meters)</b>	91.4	91.4
<b>Height of Radiation Center Above Mean Sea Level (meters)</b>	393.4	393.4
<b>Height of Radiation Center Above Average Terrain (meters)</b>	51.6	

<b>Antenna Structure Registration Number</b> 1031399	<b>Overall Height of Antenna Structure Above Ground (meters)</b> See the registration for this antenna structure.
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<b>Obstruction Marking and Lighting Specifications for Antenna Structure</b> See the registration for this antenna structure.
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<p><b>Special Operating Conditions or Restrictions</b></p> <p>The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.</p> <ul style="list-style-type: none"> <li>• This construction permit authorizes the mounting of an antenna on the nondirectional tower of the AM station identified below. During the installation of the antenna, the AM station shall determine operating power by the indirect method (see Section 73.51 of the Commission's Rules). Upon completion of the antenna installation, antenna impedance measurements on the AM antenna shall be made. If the resistance of the AM antenna has changed by more than 2 percent from the licensed value (see Section 73.45(c)(1) of the Commission's Rules), an application for the AM station to return to direct power measurement, including a tower sketch of the installation, shall be filed with the Commission by the AM station licensee using form FCC 302-AM. (See Section 1.30003 of the Commission's Rules.) The permittee must submit confirmation of completion of the requirements of this condition in the application for license to cover this construction permit. Station WKBV (AM), RICHMOND, IN, 1490 kHz</li> <li>• The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.</li> <li>• Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file an Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.</li> <li>• W247DN, SPECIFIED IN FILE# 93570, CAN NOT FILE A LICENSE APPLICATION TO COVER FILE# 93570 OR COMMENCE OPERATION UNTIL W233AN CHANGES ITS PRIMARY STATION FROM WJYW(FM).</li> </ul>
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Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules(See Section 83.875).

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

